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First, if scientists have tried, and failed, to come up with an alternative theory that explains a phenomenon well, that counts as evidence in favor of the original theory. Second, if a theory keeps seeming like a better idea the more you study it, that's another plus-one. And if a line of thought produced a theory that evidence later supported, chances are it will again.

□□□□□□ Are there really many worlds in the "Many-worlds interpretation" of Quantum Mechanics?□□□the development of «decoherence theory» revealed that, using the standard formalism of quantum mechanics, macroscopically distinct branches of the wavefunction were almost entirely free from interference and evolve approximately classically□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
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https://en.wikipedia.org/wiki/Symphony\_No.\_5\_(Beethoven)#Fate\_motif

## **Fate motif**

The initial motif of the symphony has sometimes been credited with symbolic significance as a representation of Fate knocking at the door. This idea comes from Beethoven's secretary and factotum Anton Schindler, who wrote, many years after Beethoven's death:

The composer himself provided the key to these depths when one day, in this author's presence, he pointed to the beginning of the first movement and expressed in these words the fundamental idea of his work: "Thus Fate knocks at the door!"[30]

Schindler's testimony concerning any point of Beethoven's life is disparaged by experts (he is believed to have forged entries in Beethoven's so-called "conversation books", the books in which the deaf Beethoven got others to write their side of conversations with him).[31] Moreover, it is often commented that Schindler offered a highly romanticized view of the composer.

There is another tale concerning the same motif; the version given here is from Antony Hopkins's description of the symphony.[2] Carl Czerny (Beethoven's pupil, who premiered the "Emperor" Concerto in Vienna) claimed that "the little pattern of

notes had come to [Beethoven] from a yellow-hammer's song, heard as he walked in the Prater-park in Vienna." Hopkins further remarks that "given the choice between a yellow-hammer and Fate-at-the-door, the public has preferred the more dramatic myth, though Czerny's account is too unlikely to have been invented."

In his Omnibus television lecture series in 1954, Leonard Bernstein likened the Fate Motif to the four note coda common to symphonies. These notes would terminate the symphony as a musical coda, but for Beethoven they become a motif repeating throughout the work for a very different and dramatic effect, he says.[32]

Evaluations of these interpretations tend to be skeptical. "The popular legend that Beethoven intended this grand exordium of the symphony to suggest 'Fate Knocking at the gate' is apocryphal; Beethoven's pupil, Ferdinand Ries, was really author of this would-be poetic exegesis, which Beethoven received very sarcastically when Ries imparted it to him."[18] Elizabeth Schwarm Glesner remarks that "Beethoven had been known to say nearly anything to relieve himself of questioning pests"; this might be taken to impugn both tales.[33]